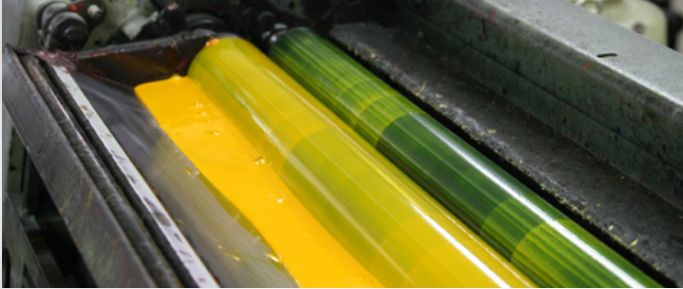


INKS



Inks for flexible packaging are shear sensitive liquids that can have a variety of solvents, waxes, surfactants, semi-solid resin particles, and pigment load concentrations that bring with them abrasive wear and chemical compatibility concerns.

INK APPLICATIONS:

- Ink manufacturing
- Transferring to print deck
- Bottom printing of corrugated lines

VIKING IN THE PROCESS:

Cast iron construction should normally be satisfactory for most inks, although some water-based inks may require stainless steel.

Flexographic and gravure printing is typically used for long runs or large orders in the packaging and labeling industries. Viking pumps are also used on large offset printing operations such as newspapers. Viking pumps supply a continuous and consistent flow rate of ink to these high speed processes. In addition, Viking pumps are used to move the bulk raw ingredients for ink manufacturing such as resins, oils, carriers and additives.

Inks contain abrasive pigments. The specific pigment varies by color but examples include titanium dioxide, iron oxide, and carbon black. The 4624B Series™ design was developed specifically to combat potential wear resulting from the handling of these fine abrasives. These pumps include an abrasive resistant seal, a tungsten carbide idler pin and bushing, and a seal support plan to flush particles away from the seal faces to extend pump life.

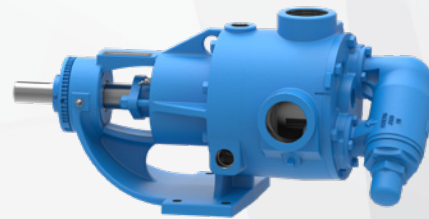
SUGGESTED PUMPS:

4624B SERIES™



- Cast Iron
- Abrasive resistant sealing options
- Low shear
- Capacities to 180 GPM

4724 SERIES™



- 316 Stainless Steel
- High viscosity & abrasive resistant sealing options
- Capacities to 110 GPM

4124B SERIES™



- Cast Iron
- High viscosity sealing options
- Capacities to 500 GPM



VIKING PUMP®

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